

z.LiNK-Interface

ZL-MYGIG

**Audio-video-input
incl. video-in-motion
for Chrysler, Dodge and Jeep vehicles
with MYGIG navigation systems**

**AV-input to connect any AV-source
to the factory navigation system
incl. video-in-motion**

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Legal Information

By law, watching moving pictures while driving is prohibited, the driver must not be distracted. We do not accept any liability for material damage or personal injury resulting, directly or indirectly, from installation or operation of this product. This product should only be used while standing or to display fixed menus or rear-view-camera video when the vehicle is moving, for example the MP3 menu for DVD upgrades.

Changes/updates of the vehicle's software can cause malfunctions of the interface. We offer free software-updates for our interfaces for one year after purchase. To receive a free update, the interface must be sent in at own cost. Labor cost for and other expenses involved with the software-updates will not be refunded.

1. Prior to installation

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources.

1.1. Delivery contents

Take down the SW-version and HW-version of the interface boxes, and store this manual for support purposes.



1.2. Check compatibility of vehicle and accessories

Requirements

<i>Vehicle</i>	Chrysler Town & Country 2008-2012 Dodge Grand Caravan 2008-2012, Dodge Journey 2008-2010, Dodge Nitro 2007-2012, Dodge RAM 1500 2009-2012, Dodge RAM 2500 2010-2012, Dodge RAM 3500 2010-2012 Jeep Grand Cherokee, 2012, Jeep Liberty 2008, Jeep Wrangler 2007-2012 Lancia Voyager from 2011
<i>Navigation</i>	MYGIG REW, RER, REN and RHW with high-speed IHS-CAN (125 kbit)
Limitations	
<i>Factory-RSE</i>	Must NOT be installed.
<i>Video-sources</i>	Only compatible to NTSC-video-sources.

For vehicles with low-speed-B-CAN (83 kbit) the ZL-MYGIG-V2 must be used!

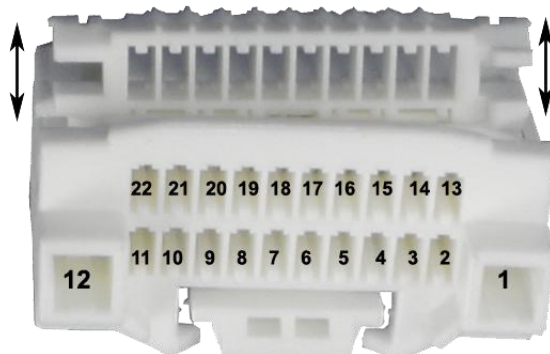
1.3. Pin-assignments

Pin-assignment AV-INPUT

Connection	Cable colour/connector	White 22pin MYGIG connector
Video input	RCA female yellow	
Video signal	● yellow	→ pin 9
Ground	● black	→ pin 10
Audio input	RCA female red/white	
Audio signal (right)	● red	→ pin 14
Audio signal (left)	● white	→ pin 13
Audio ground	● black	→ pin 01

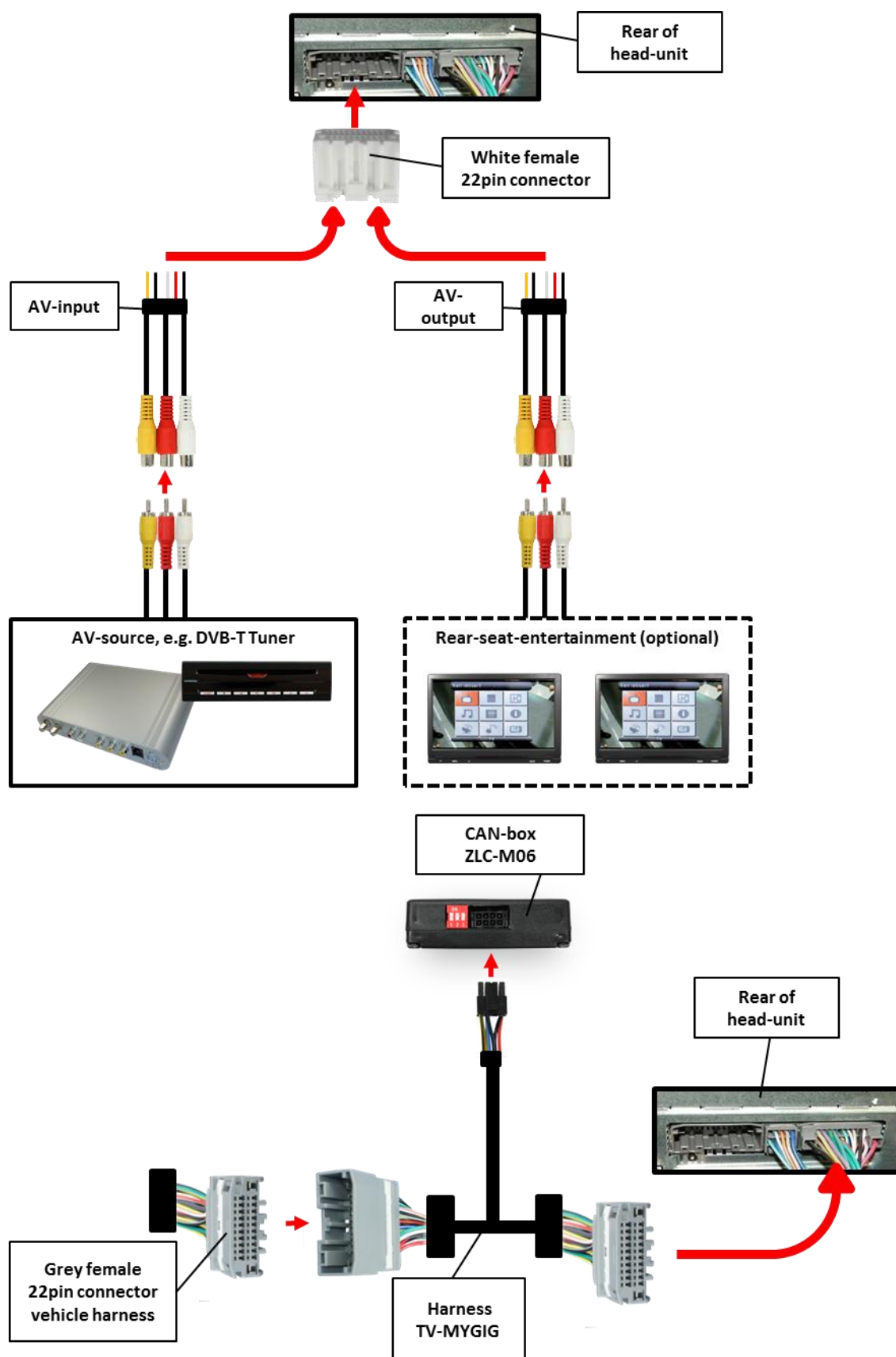
Pin-assignment AV-OUTPUT (rear-seat-entertainment)

Connection	Cable colour/connector	White 22pin MYGIG connector
Video output	RCA female yellow	
Video signal	● yellow	→ pin 6
Ground	● black	→ pin 7
Audio output	RCA female red/white	
Audio signal (right)	● red	→ pin 20
Audio signal (left)	● white	→ pin 18
Audio ground	● black	→ pin 19



Pin-assignment white 22pin connector

2. Connection schema



3. Installation

Switch off ignition and disconnect the vehicle's battery! If according to factory rules disconnecting the battery has to be avoided, it is usually sufficient to put the vehicle in sleep-mode. In case the sleep-mode does not show success, disconnect the battery with a resistor lead.

Place of installation is behind the head-unit.

Instruction for example Chrysler C300

Remove the front panel from the centre console, which is attached to multiple clips.

Remove the 4 TORX screws and pull the device out of the centre console.

Remove the grey female 22pin connector from the rear of the device and connect it to harness TV-MYGIG. Connect the grey female 22pin connector of harness TV-MYGIG to the device.

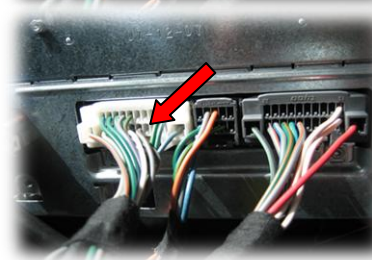
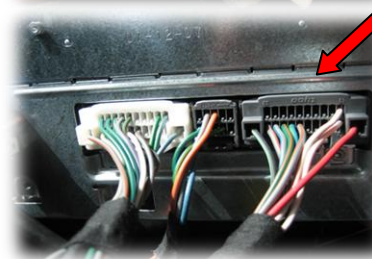
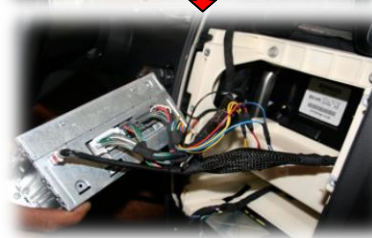
Connect the AV-input and the AV-output to the white female 22pin connector according the pin assignment and connect the Female RCA to the av-sources.

Note: Use the attached white female 22pin connector if the male 22pin connector of the head-unit isn't occupied by a white female 22pin connector.

If the male 22pin connector of the head-unit is occupied by a white female 22pin connector connect the pins into the white female 22pin connector of the vehicle (the attached white female connector will not be required).

There are 2 options if the pins are occupied by factory:

1. Factory-RSE is installed. This interface will not be needed (separate video-in-motion TF-MYGIG optionally available).
2. Factory RSE isn't installed. The pins are prepared by factory and can be removed.



3.1. Activation of the interface as current AV-source

Press **RADIO/MEDIA button** and after it **VES** followed by **AUX IN 1** via Touch-Screen to select the interface as current AV-source.

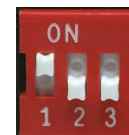


4. Activation of the video-in-motion function

The video-in-motion can be activated and deactivated by Dip 1 or alternatively by the included loose green cable in connection with a switch (not included in delivery).

Video-in-motion permanent

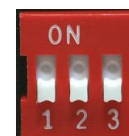
Dip 1 ON, Dip 2 OFF, Dip 3 OFF



With dip1 to ON the video-in-motion function is activated permanently without disturbing the navigation performance.

Video-in-motion selective

Dip 1 OFF, Dip 2 OFF, Dip 3 OFF



With dip1 to OFF the included green cable is used to activate the video-in-motion function.


Connect a switch to the green cable and connect the green cable to +12V ACC.

- +12V = TV-Free is activated
- 0V = TV-Free is not activated

Note: The loose white cable is not required and must be isolated.

5. Specifications

Operation voltage	10.5 – 14.8V DC
Stand-by power drain	>1mA
Operation power drain	~60mA
Power consumption	~0,72W
Temperature range	-30°C to +80°C
Weight	44g
Measurements (box only) B x H x T	70 x 20 x 47 mm

CE  12V DC

6. Technical Support

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